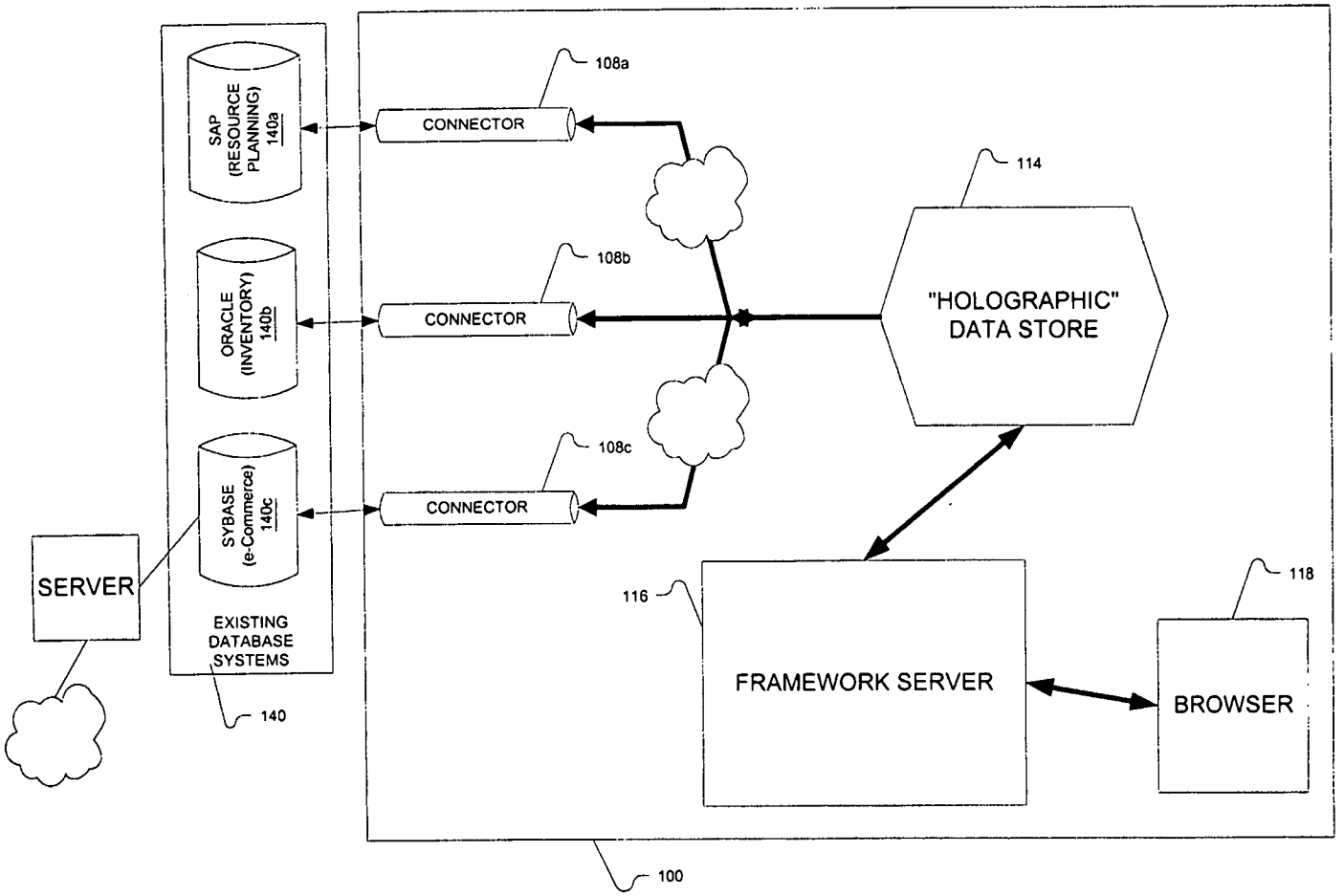

SAP (RESOURCE PLANNING) 140a
ORACLE (INVENTORY) 140b
SYBASE (e-Commerce) 140c
EXISTING DATABASE SYSTEMS
140
SERVER
108a
CONNECTOR
108b
CONNECTOR
108c
CONNECTOR
114
"HOLOGRAPHIC" DATA STORE
116
FRAMEWORK SERVER
118
BROWSER
100

Figure 1

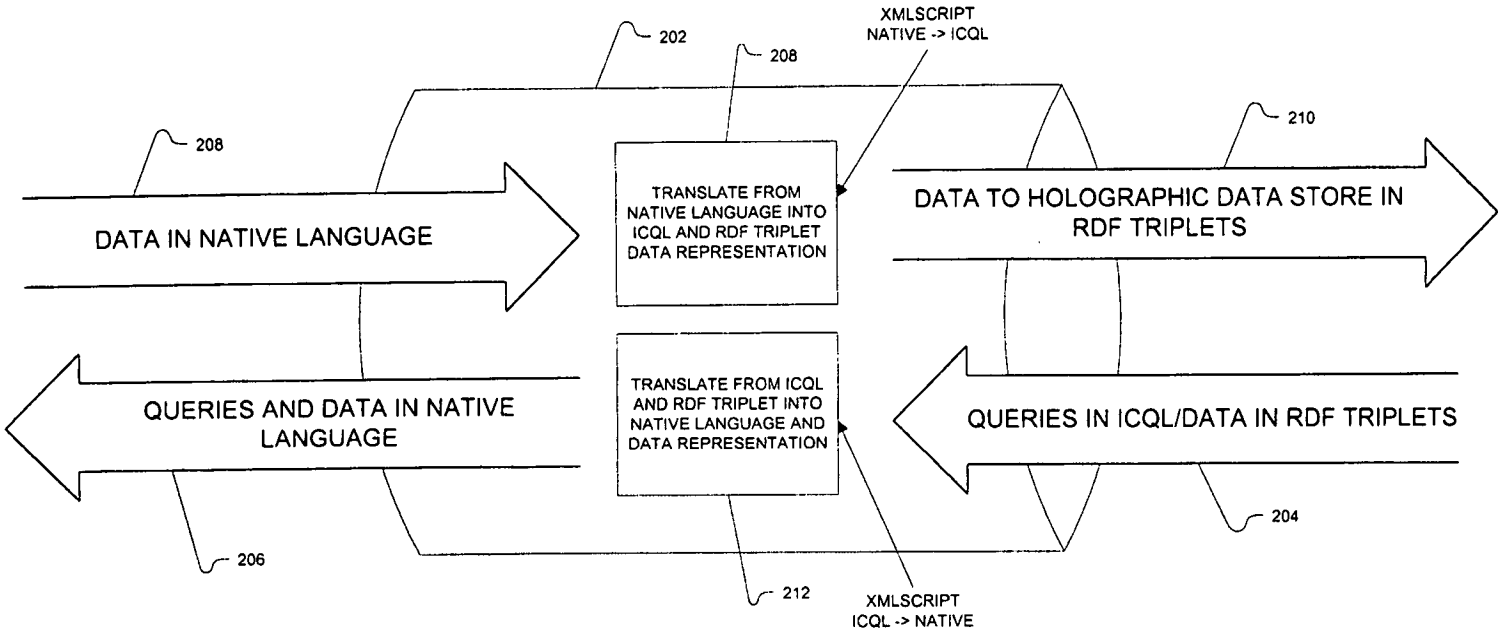
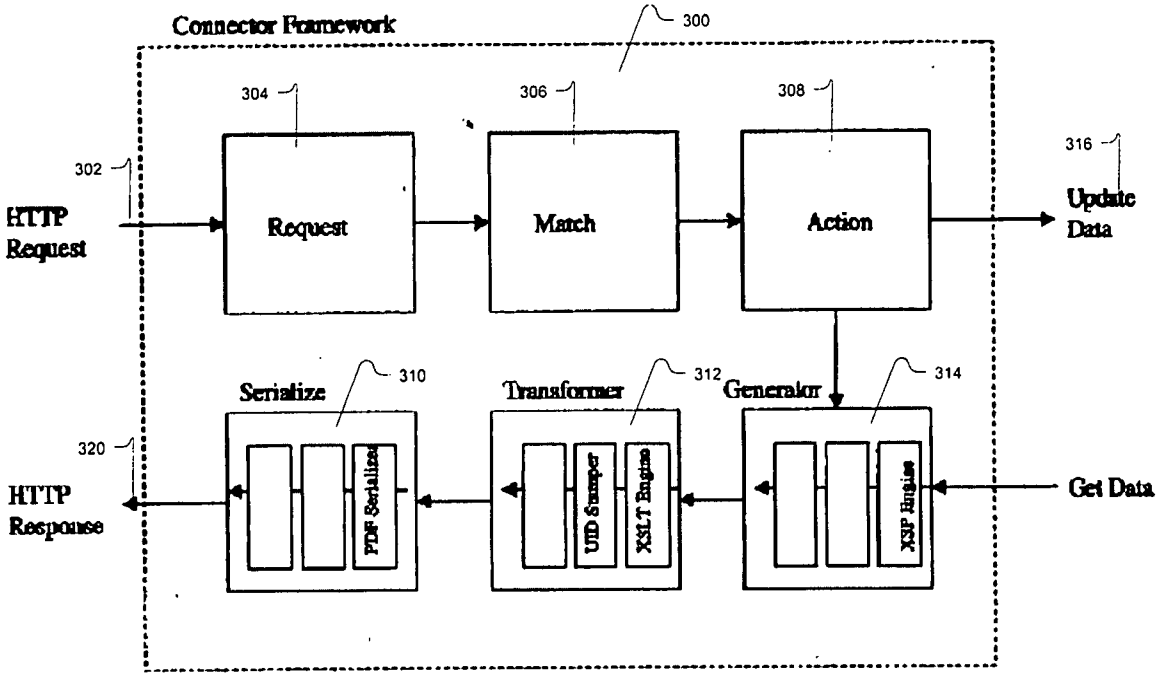

202
208
XMLSCRIPT
NATIVE -> ICQL
208
210
DATA IN NATIVE LANGUAGE
TRANSLATE FROM NATIVE LANGUAGE INTO ICQL AND RDF TRIPLET DATA REPRESENTATION
DATA TO HOLOGRAPHIC DATA STORE IN RDF TRIPLETS
QUERIES AND DATA IN NATIVE LANGUAGE
TRANSLATE FROM ICQL AND RDF TRIPLET INTO NATIVE LANGUAGE AND DATA REPRESENTATION
QUERIES IN ICQL/DATA IN RDF TRIPLETS
204
206
212
XMLSCRIPT
ICQL -> NATIVE

Figure 2

Data flow pipeline inside a connector



Multiple engines/modules can be inserted in the internal data pipeline. Each module transforms data and passes it along the stream.

Figure 3

EL 835 825 393 US

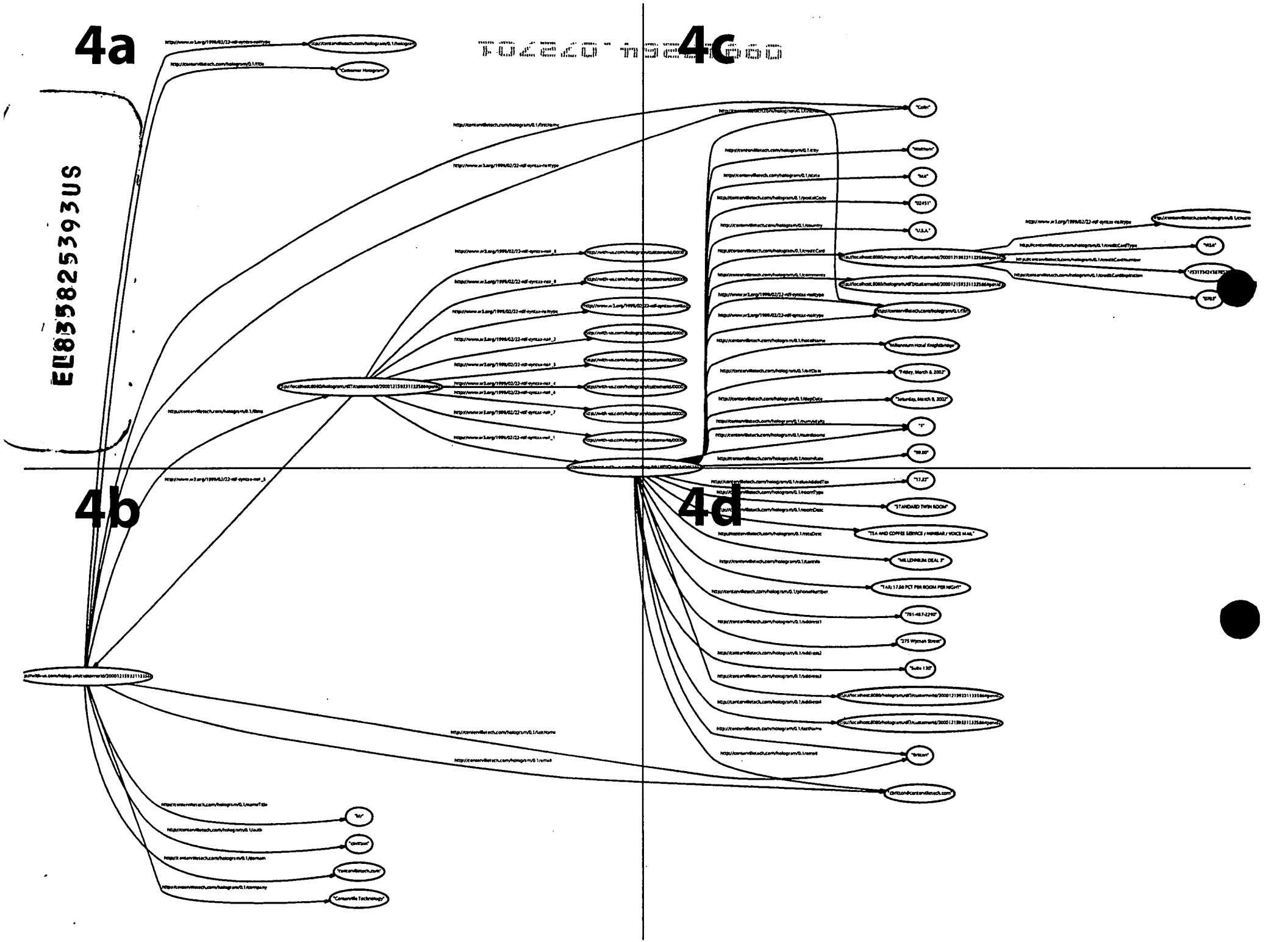
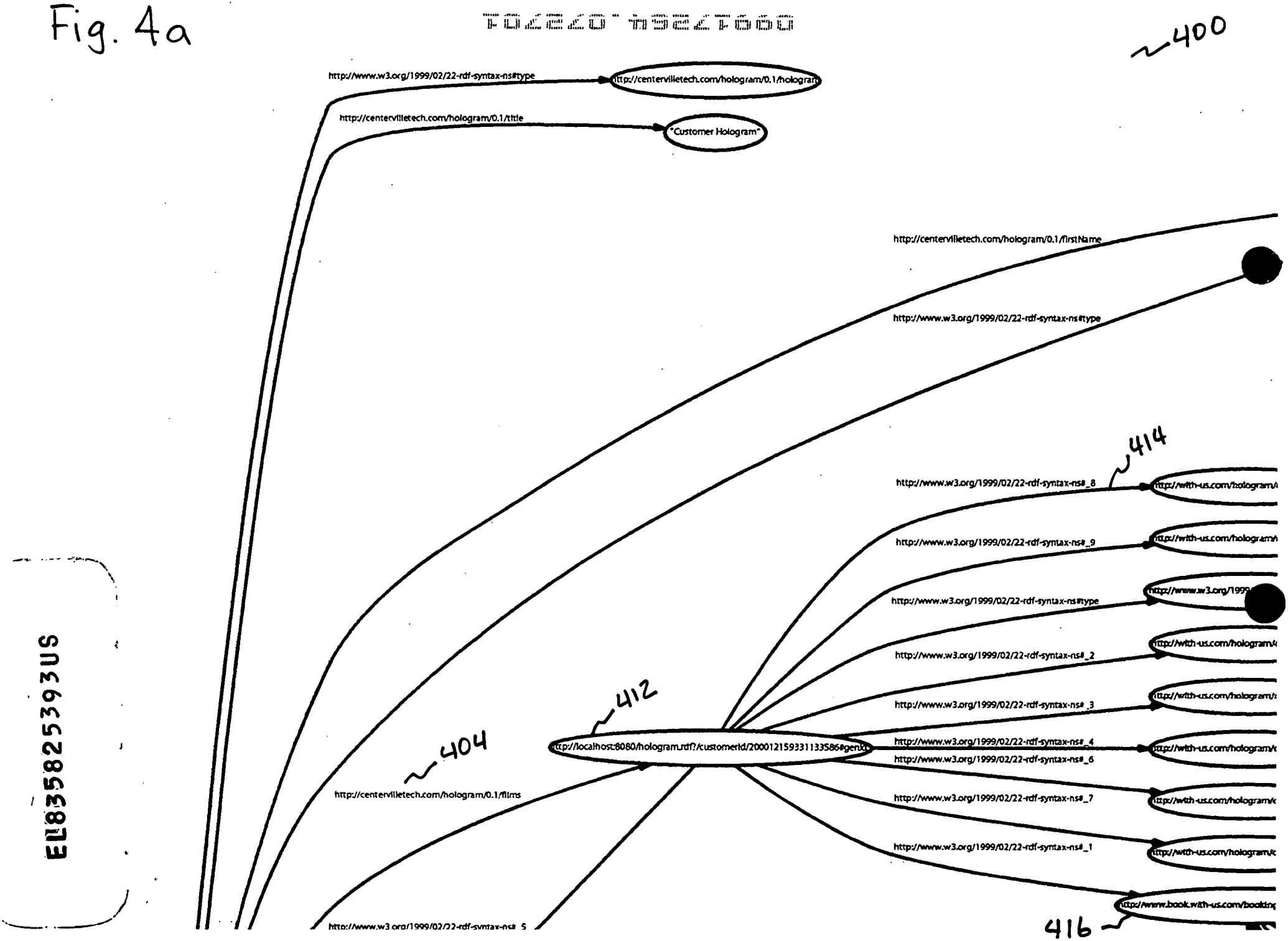

4a
4b
4c
4d
EL835825393US

Fig. 4a



EL835825393US

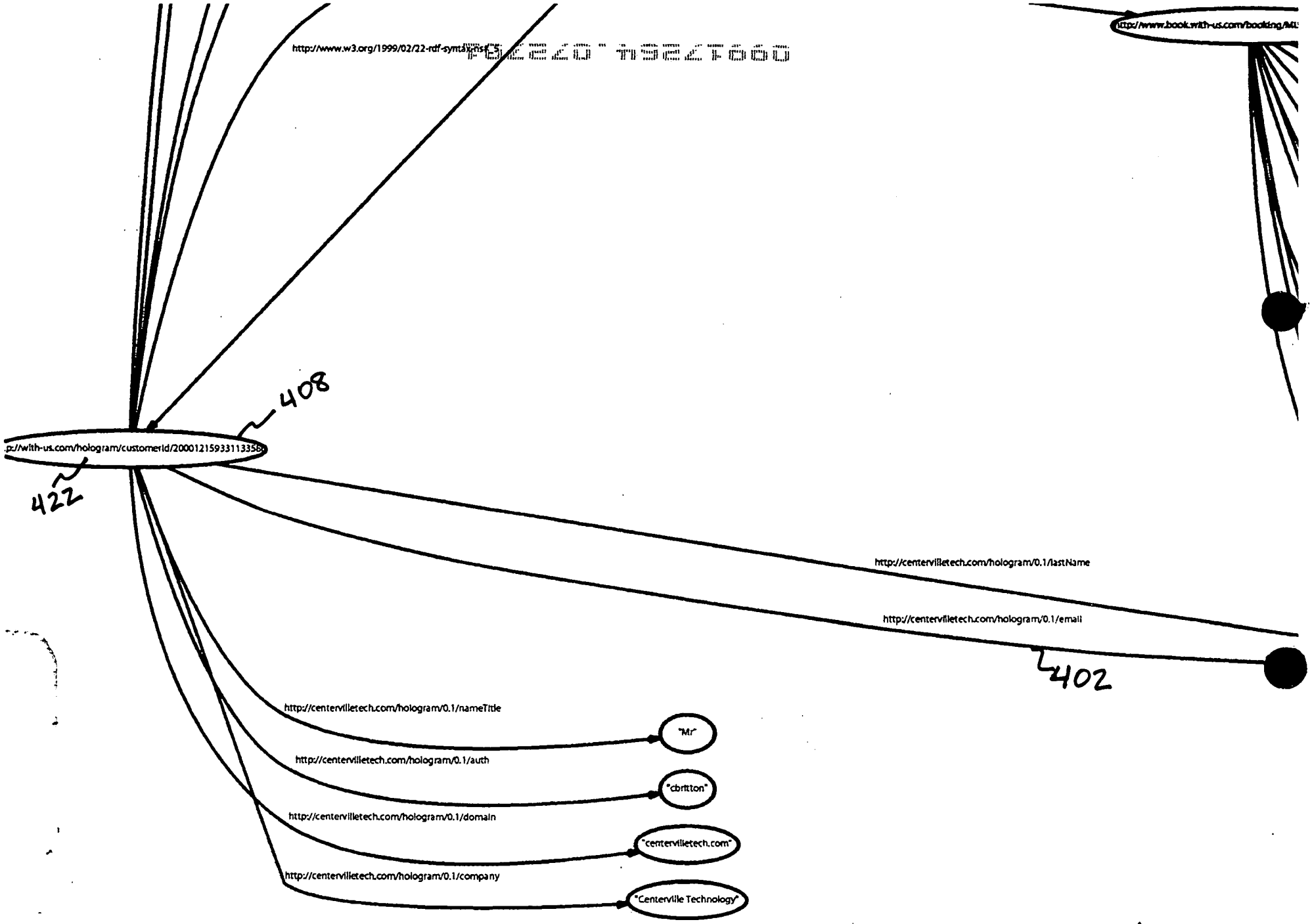


Fig. 4b

EL835825393US

EL835825393US

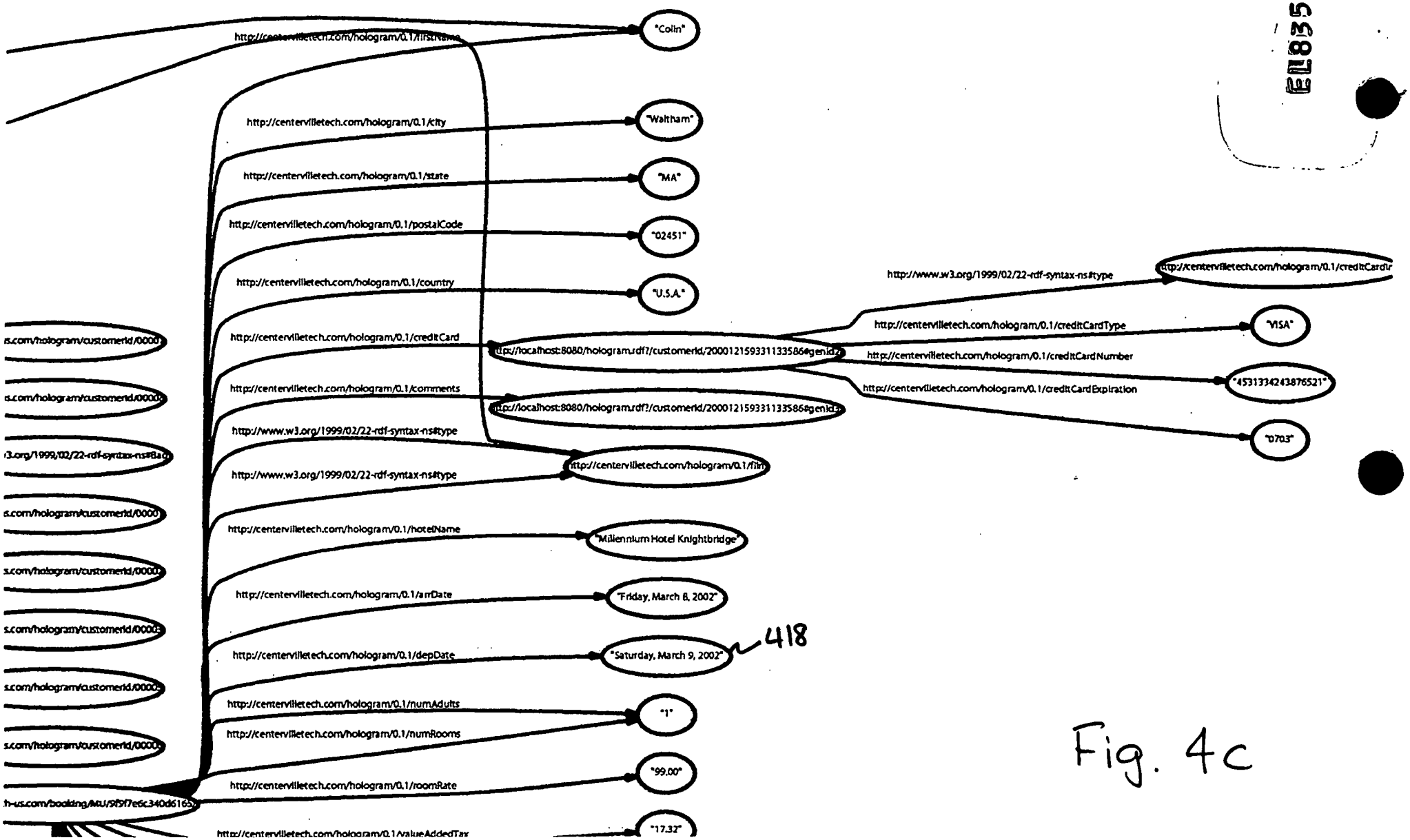
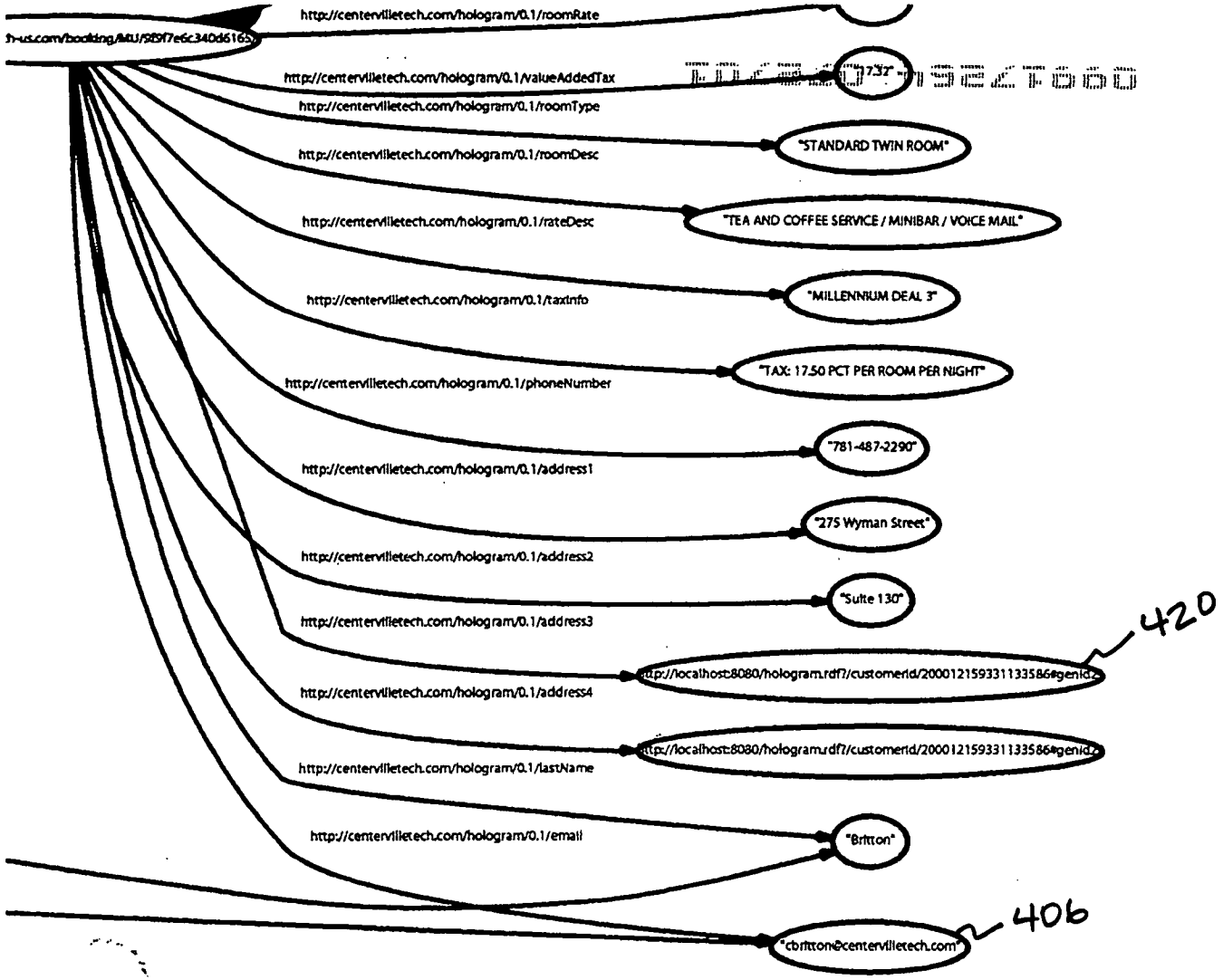


Fig. 4c



EL983582539 3US

Fig. 4d